

JUL 22 2004

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Attention: Examiner: Marcos L. Torres

Supervising Examiner: William G. Trost

UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Marcos L. Torres

Supervising Examiner: William G. Trost

Pages: Cover + 26 = 27

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For Georgann S. Grunebach

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Karen L. Lum

Date

Please find attached Re:

Inventor: Donald C.D. Chang, et al.

Serial No.: 09/661,725

Filed: September 14, 2000

For: STRATOSPHERIC-BASED COMMUNICATION SYSTEM FOR MOBILE USERS USING ADDITIONAL PHASED ARRAY ELEMENT FOR INTERFERENCE REJECTION

Examiner Torres: Per our telephone conversation of June 8, 2004:

You informed us that you had ordered this file, but had not received the file to see if our previous response due for PTO communication of 10-2-2003 had been associated with the file. Please find attached, copies of our response which was timely filed, on December 18, 2003, with proof of receipt by your office.

- > Amendment Transmittal with Certificate of Express Mailing Dated 12/18/2003
- > Amendment Response Under 37 CFR §1.111
- > Amended Drawing Appropriately Identified
- > Supplemental Information Disclosure Statement with Fee & Modified Form 1449
- > Copy of Express Mail Receipt with "In" Date
- > Copy of Return Post Card date Stamped by the PTO
- > Copy of Hughes Electronics Corporation Deposit Account Statement showing payment extracted for IDS Fee of \$180.00

If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

The DIRECTV Group, Inc., RE / R11 / A109, P.O. Box 956, El Segundo, CA 90245-0956

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Please acknowledge receipt of the following in the USPTO by date stamp hereon:

1. AMENDMENT TRANSMITTAL LETTER (In triplicate)
2. RESPONSE TO OFFICE ACTION (w/annotated (2) and replacement (2) drawing sheets)
3. SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT W/FEE AUTHORIZATION (In duplicate)
4. FORM PTO-1449 WITH REFERENCES
5. POSTCARD RECEIPT

In re: Patent Application of Donald C. D. Chang, et al
Serial No.: 09/661,715
Filed: September 14, 2000

For: STRATOSPHERIC-BASED COMMUNICATIONS SYSTEM FOR MOBILE USERS
USING ADDITIONAL PHASED ARRAY ELEMENT FOR INTERFERENCE
REJECTION

PD-200101

Attorney: V. D. Duraiswamy

Mailed: December 18, 2003 via EXPRESS MAIL # RH187376095US

VDD:eth





UNITED STATES
PATENT AND
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12	16	03	58	10464312	PD-202085 (H 1304 PA)	1201	86.00	141628.00
12	16	03	59	10464312	PD-202085 (H 1304 PA)	1202	18.00	141610.00
12	16	03	149	09655498	PD-200114	1801	770.00	140840.00
12	16	03	150	09655498	PD-200114	1806	180.00	140660.00
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12	19	03	2	09104723	PD-Y95007	1252	420.00	138404.00
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12	19	03	74	60421289	PD202131	8007	60.00	138184.00
12	19	03	76	60421332	PD201033	8007	60.00	138124.00
12	19	03	179	10659486	PD-202135	1051	130.00	137994.00
12	19	03	187	10613877	PD-203021	1051	130.00	137864.00
12	22	03	97	10408898	PD202126	1201	344.00	137520.00
12	22	03	98	10408898	PD202126	1202	234.00	137286.00
12	23	03	27	09536275	PD-990213	1801	770.00	136516.00
12	24	03	97	09661725	PD-200101	1806	180.00	136336.00
12	29	03	13	10659486	PD-202135	8021	40.00	136296.00
12	29	03	119	10353224	PD-202105	1460	130.00	136166.00
12	29	03	168	10454439	PD-202095	1460	130.00	136036.00
12	30	03	1	09643105	PD-990274	1806	180.00	135856.00
12	30	03	2	09643105	PD-990274	1202	54.00	135802.00
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PATENT
Docket No. PD-200101**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Donald C. D. Chang, et al.

:Date: December 18, 2003

Serial No. 09/661,725

:Group Art Unit: 2683

Filed: September 14, 2000

For: STRATOSPHERIC-BASED COMMUNICATIONS SYSTEM FOR
MOBILE USERS USING ADDITIONAL PHASED ARRAY ELEMENT
FOR INTER FERENCE REJECTION

:Examiner: Torres, Marcos L.

AMENDMENT TRANSMITTAL LETTERMAIL STOP NON FEE AMENDMENT
COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

Transmitted herewith is an amendment in the above-identified application.

Applicant petitions for an extension of time for months(s) to respond to the Office Action dated
If an additional extension of time is required, please consider this a petition therefor.

Fee \$

An extension for months(s) has already been secured; the fee paid therefor of
is deducted from the total fee due for the total months of extension now requested. \$
Extension fee due with this request \$☒ Applicant believes that no extension of time is required to respond to the Office Action dated OCTOBER 2,
2003. However, this conditional petition is being made to provide for the possibility that applicant has
inadvertently overlooked the need for a petition for extension of time.☒ No additional fee for claims is required.☒ The fee for claims has been calculated as shown below:

CLAIMS AS AMENDED									
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE					
TOTAL CLAIMS 19 minus	20* =	0 x	\$ 18.00	\$ -0-					
INDEPENDENT CLAIMS 3 minus	3* =	0 x	\$ 86.00	\$ -0-					
MULTIPLE DEPENDENT CLAIMS		0 x	\$ 280.00	\$ -0-					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:				\$ -0-					

Charge \$ -0- to Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California. Please
charge any additional fees for claims or credit overpayment to Deposit Account No. 50-0383. If any additional extension fee
is required, please charge to Deposit Account No. 50-0383. This form is submitted in triplicate.

Respectfully submitted,

Vijayalakshmi D. Duraiswamy
Vijayalakshmi D. Duraiswamy, Registration No.: 31,905
Attorney for Applicant(s).**CERTIFICATE OF EXPRESS MAILING (37 CFR 1.10)**

EH187376095US

12-18-2003

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Eileen T. Haderer

Typed or printed name of person
Mailing correspondenceSignature of person
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HUGHES ELECTRONICS CORPORATION
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PO Box 956, RE/R11/ M/S A109
El Segundo, CA 90245-0956
Telephone: (310) 984-0733
Date: December 18, 2003

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